PTO/SB/05 (08-00)

UTILITY	Attorney Docket No.	H0340	H054024.0012US0						
PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications	First Named Invento or Application identifie	JEFFR	JEFFREY L. LACY						
under 37 CFR 1.53(b))  ADDRESS TO:  Commissioner for Patents	Title	<b>I</b>	BORON COATED STRAW NEUTRON DETECTOR						
Mail Stop Patent Application PO Box 1450 Alexandria, VA 22313-1450	Express Mail No.	EV330	EV330686722US						
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility pater 1X Fee Transmittal Form PTO/SB/17		9		r CD-R in dupli rogram (Append		e or			
2 Applicant claims small entity sta		ACCO	ACCOMPANYING APPLICATION PARTS						
4. X Drawing(s) (35 USC 113) [T		10	Assignment	Papers (cover s	sheet & docume	ent(s))			
a. Newly executed (original or cop b. Copy from a prior application (3	y)	11	37 CFR 3.73	3(b) Statement (	when there is a	n assignee)			
(for continuation/divisional with No [Note No. 6 below]	. 17 completed)	12	Power of At	torney					
i DELETION OF INVE Signed statement attached de	eleting inventor(s) named in	13	English Translation Document (if applicable)						
6 Incorporation By Reference (use checked)	able if No. 5b is	14	Statement (I	formation Disclosure atement (IDS)/PTO-1449 _ Copies of IDS Citations					
The entire disclosure of the prior applicat the oath or declaration is supplied under I being part of the disclosure of the accomp hereby incorporated by reference therein.	No. 5b, is considered as canying application and is	15		Amendment	S				
7 Nucleotide and/or Amino Acid (if applicable, all necessary)		16. <u>X</u>	Return Rece	eipt Postcard (In	temized)				
a Computer Readable Copy (CRF b Specification Sequence Listing of its CD-ROM or CD-R (2)	on:	17		ppy of Priority I cority is claimed)	Document(s)				
ii paper c Statement verifying identity of a 8 Application Data Sheet. See 37 (		18	Other:						
- AS CONTRIBUTE A DRIVER A TION						<del></del>			
<ol> <li>If a CONTINUING APPLICATION</li> <li>Continuation</li> </ol>				ormation:					
Divisional Continuation-in-part (CIP)	Prior	Application I	nformation:	Group Art Un					
				- ·					
20. Correspondence Address									
X Customer Number or Bar Code Lab	el or 01200 nsert Customer No. or	Attach bar c	- nde lahel here	-	dence address b	elow			
Name Attn: Charles M. Cox AKIN GUMP STRAUSS				·					
Address 711 Louisiana Street, 190	0 Pennzoil Place – So	outh Tower	•						
City Houston	***T	exas		Zip Code	77002				
Country U.S.A.		713) 220-580	0	Fax	(713) 236-08	322			
Date: Nov. 13, 2003			Mar	ln M. eg. No. 29,05	Cox				

The PTO did not receive the following listed item(s) DRAWINGS

Total Amount of Payment

# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision

\$, 1,046.00

Complete if Known								
Application Number								
Filing Date								
First Named Inventor	JEFFREY L. LACY							
Examiner Name								
Group / Art Unit		<u> </u>						
Attorney Docket No.	H054024 0012US0							

METHOD OF PAYMENT (check one)						FEE CALCULATION (continued)								
1. X	T	he Comm	issioner is	her	eby autho	rized	l to	charge	3. A	ddition	al Fees	3		
	i	ndicated t	fees and cre	edit	any over	aym	ıen	ts to:						
Deposit Account No.: 16-2435							Large	Large	Small	Small		r . n . i		
Deposit Account Name:							Fee Code	Entity	Fee Code	Entity	Fee Description	Fee Paid		
Akin Gump Strauss Hauer & Feld, LLP							1051	\$ 130	2051	\$ 65	Surcharge - late fee or oath	S		
							1052	\$ 50	2052 ·	\$ 25	Surcharge - late provisional	\$		
X Charge any additional Fee Required Under 37 CFR						1812	\$2,520	1812	\$2,520	filing fee or cover sheet Request for Reexamination	\$			
§§ 1.16 & 1.17						II				Requesting publication of				
Applicant claims small entity status.						1804	\$920*	1804	\$920*	SIR prior to Examiner action	\$			
See 37 CFR 1.27						1805	\$1840*	1805	\$1840*	Requesting publication of SIR after Examiner action	\$			
2	Pay	ment End	:losed:		Chec								Extension for reply within	_
					Mon	ey O	)rde	er	1251	\$ 110	2251	<b>\$</b> 55	first month	\$
					Cred	it Ca	ard		1252	\$ 420	2252	\$ 210	Extension for reply within	\$
					Othe				1				second month  Extension for reply within	
		_	FEE CAL	CI					1253	\$ 950	2253	\$ 475	third month	\$
			FEE CAL	ΛU	LATION	·			1254	\$1,480	2254	\$ 740	Extension for reply within	\$
		ling Fee							4	•1,,,,,		•	fourth month Extension for reply within	•
Large	Large				Fee				1255	\$2,010	2255	\$1,050	fifth month	\$
Fee Code	Entit Fee		Entity Fee (\$)		Description	n		Fee Paid	1401	\$ 330	2401	\$ 165	Notice of Appeal	\$
1001	\$770		\$385	Uti	lity Filing Fee	;		\$ 770	1402	\$ 330	2402	\$ 165	Filing a brief in support of an	\$
1002	\$340		\$170		sign Filing Fe	e		\$	1403	\$ 290	2403	\$ 145	appeal Request for oral hearing	\$
1003	\$530		\$265		Plant Filing Fee			\$	41		2452	\$ 55	Petition to revive -	\$
1004			issue Filing For			\$ \$	1452	\$ 110	2452	\$ 23	unavoidable	3		
1003	3100	2003	1 3 80	_	ubtotal (1		-	\$770	1453	\$1,330	2453	\$ 665	Petition to revive - unintentional	\$
				10	ubiotai (1		18		1501	\$1,330	2501	\$ 665	Utility issue fee (or reissue)	\$
2. Ex	tra C	laim Fee	<u>s</u>				,		1502	\$ 480	2502	\$ 240	Design issue fee	\$
					Fee		_		1503	\$ 640	2503	\$ 320	Plant issue fee	\$
Claims		200	"Extr		(below)		V	ee Paid *	1460	\$ 130	1460	\$ 130	Petitions to the Commissioner	\$
Total		21 -20**		×			\$		4				Petitions related to	_
Indep.		<u>6</u> - 3** :	= 3	x	\$ 86	ᅾ	3	258	1807	\$ 50	1807	\$ 50	provisional applications	\$
Multiple	Depe		1		1		2	<del></del>	1806	\$ 180	1806	\$ 180	Submission of Information .	S
r n.:			number prev	/ious	ly paid, if gr	eater.			1000	<b>J</b> 100	1000	J 100	Disclosure Statement	•
7580,47	- 1	see below Small	La Prior	Traffic	2,4000 C	<del>-</del>			8021	\$ 40	8021	\$ 40	Recording each patent assignment per property	\$
Large E	ntity	Entity Fee		32 :	Fe	ے.			11 0021	J 40	0021	<b>y</b> 40	(times number of properties)	•
Fee (	5)	(\$)		78. ·	Descr				1				Filing a submission after	
\$ 18 \$ 9 Claims in excess of 20							1809	\$ 770	2809	\$ 385	final rejection (37 CFR	\$		
\$ 86		\$ 43	Independent	t claims in excess of 3					1801				1.129(a)) Request for Continued	
\$ 290		\$ 145			pendent claim, if not paid					\$ 770	2801	\$ 385	Examination (RCE)	\$
\$ 86		\$ 43			dependent claims over original patent								Request for expedited	
\$ 18 \$ 9 **Reissue claims in excess of 20 and over original patent						1802	\$ 900	1802	\$ 900	examination of a design	\$			
										application				
	-		Subtotal	(2)	S	276		300	Other	fee (specify	·):			\$
	-				*	-0_0 0000000000000000000000000000000000	, and the second	and a great and a	4					_
										fee (specify		Zoo Doid		\$
					•				Redu	iced by Bas	ac ruing i	ee Paid	Subtotal (3):	\$

Date: Nov. 13, 2003

Marla M. Co

Charles M. Cox, Reg. No. 29,057

Submitted by

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Confirmation No.: In re Applicant:

JEFFREY L. LACY

Art Unit: Filed:

Serial No .: Examiner:

Docket No.: H054024.0012US0 **BORON COATED STRAW** For:

\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ **NEUTRON DETECTOR** Customer No.: 01200

## **CERTIFICATE OF MAILING BY EXPRESS MAIL**

### **Mail Stop Patent Application**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

#### Dear Sir:

I hereby certify that the following documents, which are attached, are being deposited, under 37 C.F.R. § 1.10 with the United States Postal Service ("Express Mail Post Office to Addressee") service as Express Mail No. EV330686722US in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

- Utility Patent Application Transmittal; (1)
- Fee Transmittal (in duplicate); **(2)**
- Patent Application (Specification (26 pages), Drawings (11 sheets)); (3)

Return postcard **(4)** 

Respectfully submitted,

AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.

1900 Pennzoil Place, South Tower

711 Louisiana St.

Houston, Texas 77002

(713) 220-5800

(713) 236-0822 Fax